

Converting Colors

YIQ(133.5700, 16.7310, 21.6830)

Have a look what the booklet for
YIQ(133.5700, 16.7310, 21.6830)
contains.

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Color

**YIQ(133.5700, 16.7310,
21.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	A37398
RGB	163, 115, 152
RGB Percent	64%, 45%, 60%
CMY	0.3606, 0.5491, 0.4039
CMYK	0.00, 0.29, 0.07, 0.36
HSL	314°, 21%, 55%
HSV	314°, 29%, 64%
XYZ	26.9082, 22.3144, 32.5988
YIQ	133.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

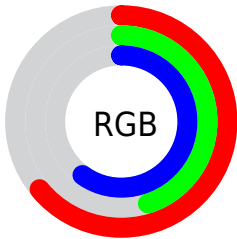
Format	Color
R_{YB}	163, 115, 152
Decimal	10711960
CIE _{Lab}	54.36, 25.04, -12.49
CIE _{LCh}	54, 27.980, 333.494
Yxy	22.3144, 0.3289, 0.2727
Android (android.graphics.Color)	4288902040 (0xFFA37398)
YUV	133.5700, 9.0860, 25.8101
Hunter-Lab	47.2381, 19.0118, -7.8490

Details

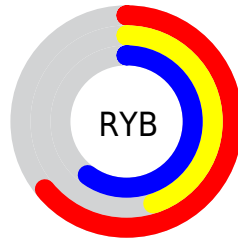
The YIQ color **133.5700, 16.7310, 21.6830** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.4300, -16.7310, -21.6830**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9940, 18.4730, 23.1530**, and **83.1460, 14.9890, 20.2130** is the 20% darker color. If you saturate the color by 10%, you get **123.7220, 22.4150, 28.8070**, and if you desaturate by 10%, it is **143.4180, 11.0470, 14.5590**.

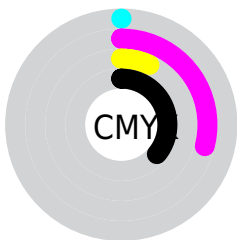
Distribution



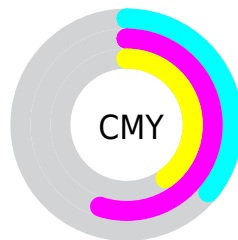
- Red (64%)
- Green (45%)
- Blue (60%)



- Red (64%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.5700, 16.7310, 21.6830 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 133.5700, 16.7310, 21.6830 by changing the saturation by 10% instead.

■ 133.5700, 16.7310,
21.6830

■ 133.5700, 16.7310,
21.6830

■ 255.0000, -0.0000,
-0.0000

■ 107.8580, 15.8600,
20.9480

■ 186.9940, 18.4730,
23.1530

■ 83.1460, 14.9890,
20.2130

■ 215.1080, 18.1520,
23.4640

■ 59.4340, 14.1180,
19.4780

■ 236.2160, 8.8000,
16.7360

■ 36.7220, 13.2470,
18.7430

■ 253.2390, 0.8250,
1.5690

■ 15.4230, 12.6510,
18.5310

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 133.5700, 16.7310,
21.6830

■ 133.5700, 16.7310,
21.6830

■ 123.7220, 22.4150,
28.8070

■ 143.4180, 11.0470,
14.5590

■ 113.4010, 28.0530,
36.7650

■ 153.7390, 5.4090,
6.6010

■ 103.5530, 33.7370,
43.8890

■ 163.5870, -0.2750,
-0.5230

■ 93.7050, 39.4210,
51.0130

■ 173.4350, -5.9590,
-7.6470

■ 83.2700, 45.3800,
58.6600

■ 183.8700,
-11.9180, -15.2940

■ 73.5360, 50.7430,
66.0950

■ 193.6040,
-17.2810, -22.7290

63.6880, 56.4270,
73.2190

203.4520,
-22.9650, -29.8530

63.1010, 56.7020,
73.7420

213.3000,
-28.6490, -36.9770

219.6260,
-32.6830, -40.9630

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



132.5440, -6.7430, 17.5850



133.5700, 16.7310, 21.6830



132.9600, 33.0080, 18.5440

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



133.5700, 16.7310, 21.6830



128.0130, 24.3480, -11.7480



113.9950, -63.4980, -16.6340

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



133.5700, 16.7310, 21.6830



144.4300, -16.7310, -21.6830

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.9290, -45.9370, -21.0170



133.5700, 16.7310, 21.6830



125.8470, 4.0840, -18.9560

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



133.5700, 16.7310, 21.6830



129.9810, 36.5420, -1.4580



121.6900, -20.3990, -21.2870



119.5650, -55.9350, -5.0150

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133.5700, 16.7310, 21.6830



132.3210, 39.0610, 13.4690



121.6900, -20.3990, -21.2870



114.2680, -60.0130, -19.2210

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



133.5700, 16.7310, 21.6830



200.2770, 6.8300, 8.3820



123.4620, -9.4480, 17.0480



99.6140, 4.2630, 5.3430



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.5700, 16.7310, 21.6830



166.6240, 25.8070, 33.4150



130.9480, 24.1140, 14.5300



76.4890, 3.1170, 4.0850



56.1230, 50.4680, 65.5720



6.9780, 6.2340, 8.1700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



133.5700, 16.7310, 21.6830



166.6240, 25.8070, 33.4150



147.0520, -24.1140, -14.5300



76.4890, 3.1170, 4.0850



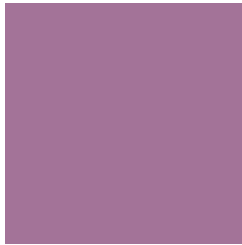
56.1230, 50.4680, 65.5720



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 133.5700, 16.7310, 21.6830 looks on a white background.

Color Contrast Check

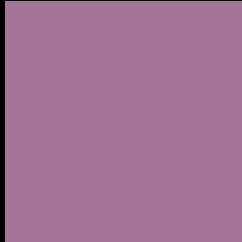
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 133.5700, 16.7310, 21.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

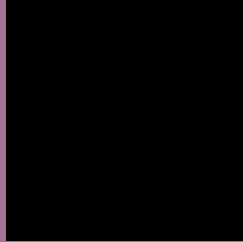
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 133.5700, 16.7310, 21.6830

Background



This preview shows how black text looks on a background with the YIQ color 133.5700, 16.7310, 21.6830.



This preview shows how white text looks on a background with the YIQ color 133.5700, 16.7310,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

133.5700, 16.7310, 21.6830

Protanopia

130.9680, -14.1690, 8.9910

Deuteranopia

131.7150, -3.2110, 8.6370



Tritanopia

132.2850, 21.5470, 11.4910

Trichromacy



Original Color

133.5700, 16.7310, 21.6830

Protanomaly

132.0620, -2.5700, 13.5420

Deuteranomaly

132.7700, 4.1240, 13.3720

Tritanomaly

133.0230, 19.5290, 15.0250

Monochromacy



Original Color

133.5700, 16.7310, 21.6830

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9780, 6.2340, 8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5700, 16.7310, 21.6830 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(163, 115, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 115, 152) }
```

Border

The CSS property to change the border of an element to YIQ 133.5700, 16.7310, 21.6830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 115, 152) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(163, 115, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(163, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(163, 115,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5700, 16.7310, 21.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 115, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163,  
115, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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